

Appln. No. 10/723,527

Attorney Docket No. 10541-1863

III. Remarks

In response to the Office Action mailed August 27, 2004, kindly enter the foregoing amendment and consider the following remarks. An appropriate petition for extension of time, with fee, is enclosed herewith. This response is being filed within the extended deadline. Pursuant to 37 CFR §1.112, Applicants request reconsideration of each and every ground of rejection set forth in the Office Action.

The Office Action and the references cited therein have been carefully considered. In this Amendment, claims 1, 5 and 16 have been amended claims 4, 7 and 8 have been cancelled, and claim 31 added. Thus claims 1-3, 5, 6 and 9-31 are pending and are at issue herein. In view of these amendments and the following remarks, favorable reconsideration of this application is requested.

OBJECTIONS TO THE DRAWINGS

The Examiner has objected to the drawings under 37 CFR 1.83(a) for failing to show every feature of the invention specified in the claims. Specifically, the Examiner asserts the parallel connection of the plurality of conductors must be shown, as well as the largest dimension between the width and the depth as recited in claim 9, and the thickness of the insulator as recited in claim 27.

The Applicants submit herewith a new FIG. 8 and new FIG. 9. In FIG. 8, the electrical connection of the plurality of conductors has been shown, as is supported by the original claims and specification of the application.

With regard to the largest dimension, the Applicants respectfully submit that both the width and the depth of conductors having a rectangular cross-sectional shape is clearly shown in FIGS. 3-7.

In FIG. 9, the Applicants have depicted the insulation 29 positioned in the slots 28 formed in the body 26 of the stator core 22. This feature was clearly described in the original claims as well as in paragraph [0034], which has also been amended to refer to reference numeral 29 and the insulation.

The Applicants respectfully request acceptance of the new drawing sheets as well as a withdrawal of the objection to the drawings.

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CLAIM REJECTIONS UNDER 35 USC §112

Claims 1-30 stand rejected under 35 U.S.C. §112 as failing to comply with the written description requirement, and for being indefinite. In both rejections the Examiner asserts "it is not clear how 'corresponding conductors of the first and second filars' are 'electrically connected in parallel'".

In as much as the language objected to by the Examiner has been removed, the rejections are considered moot. However, the Applicants have added new FIG. 8 to show electrical connection of the filars. Furthermore, there is adequate written description in the specification regarding electrical connection, and the Applicants respectfully assert that the Examiner's objection is properly classified as an objection to the drawings, and not a rejection under the written description requirement as the specification clearly contains a written description describing to those of ordinary skill in the art what is claimed.

Nonetheless, the Applicants assert that the addition of FIG. 8 should overcome the Examiner's rejection, and therefore respectfully request favorable reconsideration of the rejection of claims 1-30.

CLAIM REJECTIONS UNDER 35 USC §102 and §103

Claims 1-8, 10-15 and 18-20 stand rejected under 35 U.S.C. §102(b) as being anticipated by the Asao reference (U.S. Patent No. 6,501,205). The Applicants are presuming the Examiner intended to reject independent claim 16 and dependent claim 17 although this is not clear from page 4 of the Office Action. Claim 9 stands rejected under 35 U.S.C. §103(a) as being unpatentable over the Asao reference.

Independent claims 1 and 16 recite, among other things, the plurality of conductors being arranged in a cascading structure defined by at least three consecutive straight segments of one turn of one conductor residing in a common layer. The structure can be seen in any one of FIGS. 3, 4, 5, 6 or FIG. 7.

To the contrary, the Asao reference merely discloses a plurality of conductors which have straight segments which alternate their position within the slot (i.e. their layer) for consecutive straight segments. This is best seen in the plan view of FIG. 3

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and in the plan view of FIG. 16, although it can also be seen in the perspective view of FIG. 22. Likewise, numerous portions of the Asao reference, including the Abstract of the invention, the specification at col. 7 line 65 to col. 8 line 2 as well as the claims of the Asao reference, all specifically recite that the straight portions are offset by turn portions as to alternately occupy the inner and outer layers in the slot depth direction.

Accordingly, the Asao reference teaches a winding structure which is quite different from the claimed cascading structure of independent claims 1 and 16. For these reasons, the Applicants respectfully request favorable reconsideration of independent claims 1 and 16, as well as their dependent claims.

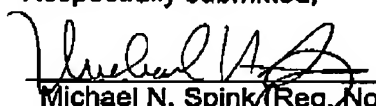
CONCLUSION

In view of the preceding amendments and remarks, the Applicants respectfully submit that the specification is in order and that all of the claims are now in condition for allowance. If the Examiner believes that personal contact would be advantageous to the disposition of this case, the Applicants respectfully request that the Examiner contact the Attorney of the Applicants at the earliest convenience of the Examiner.

Applicants have calculated no fees to be presently due in connection with the filing of this Paper. However, Applicants have authorized charging of any fee deficiency to the deposit account of Applicant's assignee, Visteon Global Technologies, Inc., as indicated in the Transmittal accompanying this Statement.

Respectfully submitted,

12-10-2004
Date


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Attachment: Replacement Sheets of Drawings

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